



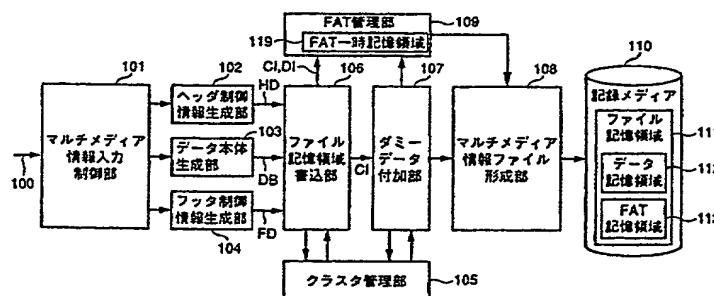
(51) 国際特許分類6 G11B 27/00, 27/031, 20/12		A1	(11) 国際公開番号 WO00/14740
		(43) 国際公開日 2000年3月16日(16.03.00)	
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(22) 国際出願日 1999年9月6日(06.09.99)			
(30) 優先権データ 特願平10/254470 1998年9月9日(09.09.98) JP		(81) 指定国 CN, JP, KR, SG, US, 欧州特許 (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)	
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(54) Title: MULTIMEDIA INFORMATION RECORDING DEVICE AND METHOD FOR RECORDING MULTIMEDIA INFORMATION FILE ON RECORDING MEDIUM

(54) 発明の名称 マルチメディア情報ファイルを記録メディアに記録するためのマルチメディア情報記録装置および方法

(57) Abstract

A multimedia information recording device is used for efficiently recording multimedia information (100) in a file storage area (111) on a recording medium (110). From the multimedia information given to the device, a data body DB and control information (HD and FD) are created and given to a file storage area writing section (106) where the data is written in parallel at a time on a free cluster in the file storage area. In the free area of each cluster where the data is written, dummy data is packed by a dummy data adding section (107) to absorb the difference between the first position of a cluster and the first position of the data in the cluster. Thus, data rewriting to eliminate this difference is avoided. Information for connecting plural clusters where data is written is created by a multimedia information file creating section (108), and the multimedia information is recorded in a multimedia information file on the recording medium.



- 101 ... MULTIMEDIA INFORMATION INPUT CONTROL SECTION
- 102 ... HEADER CONTROL INFORMATION CREATING SECTION
- 103 ... DATA BODY CREATING SECTION
- 104 ... FOOTER CONTROL INFORMATION CREATING SECTION
- 105 ... CLUSTER MANAGING SECTION
- 106 ... FILE STORAGE AREA WRITING SECTION
- 107 ... DUMMY DATA ADDING SECTION
- 108 ... MULTIMEDIA INFORMATION FILE CREATING SECTION
- 109 ... FAT MANAGING SECTION
- 110 ... RECORDING MEDIUM
- 111 ... FILE STORAGE AREA
- 112 ... DATA STORAGE AREA
- 113 ... FAT STORAGE AREA
- 119 ... FAT TEMPORARY STORAGE AREA